GUARANTEED TECHNICAL PARTICULARS OF CONDUCTORS

Sl.No.	Particulars	COYOTE ACSR
1	Code Word	
2	Manufacturer's Name & Address	
	a. Aluminium wires	
	b. Complete Conductor	
3	Stranding and Wire Diameter: a. Aluminium b. Steel	
4	Nominal Aluminium Area in Sq.mm	
5	Sectional Area of Aluminium Strands in Sq.mm	
6	Total Sectional Area in Sq.mm	
7	Cross sectional area of Nominal diameter wire in sq.mm a. Aluminium Wire b. Steel wire	
8	Overall Diameter of conductor in mm	
9	Breaking load of conductor in KN	
10	Minimum breaking load in KN for a. Aluminium Wire b. Steel wire	
11	Zinc coating of steel wire a. Uniformity of coating, No. & duration of dips (process test with stood 1 Min x nos.) b. Minimum weight of coating (gr/ sq.mm)	
12	Mass in kg. per KM a. Aluminium b. Steel c. Conductor	
13	Resistance in ohm per KM at 20 Deg.C.	
14	a. Continuous maximum current rating of conductor (Amps) in still air or 45 Deg. C. ambient temperature b. Temperature rise for the above current Deg. C.	
15	Purity of Aluminium Rods	
16	Maximum working tension for complete conductor Kg.	
17	Modulus of Elasticity (Kg/mm^2) - a. Aluminium	

	b. Steel c. Conductor	
18	Co-efficient of linear expansion per Degree a. Aluminium Wire b. Steel Wire c. Conductor	
19	Standard length of each piece in/ KM	
20	Tolerance, if any, on standard length	
21	No. of standard lengths in one reel	
22	Approximate dimensions of the reel in Cms	
23	Mass of conductors in one reel in Kgs	
24	Gr. Mass of the reel including mass of the conductor	
25	Mass of the reel in Kgs	
26	Standard according to which the conductor will be manufactured & tested	
27	Date of commencement of Production of Conductor	